
A Comprehensive Analysis of Netflix Movies and TV Shows

— Caroline O'Connell, Stacy Chandisingh,
Andie Sosnik, & Paromita De —

Which Netflix movies and TV shows will have the most growth in the future?



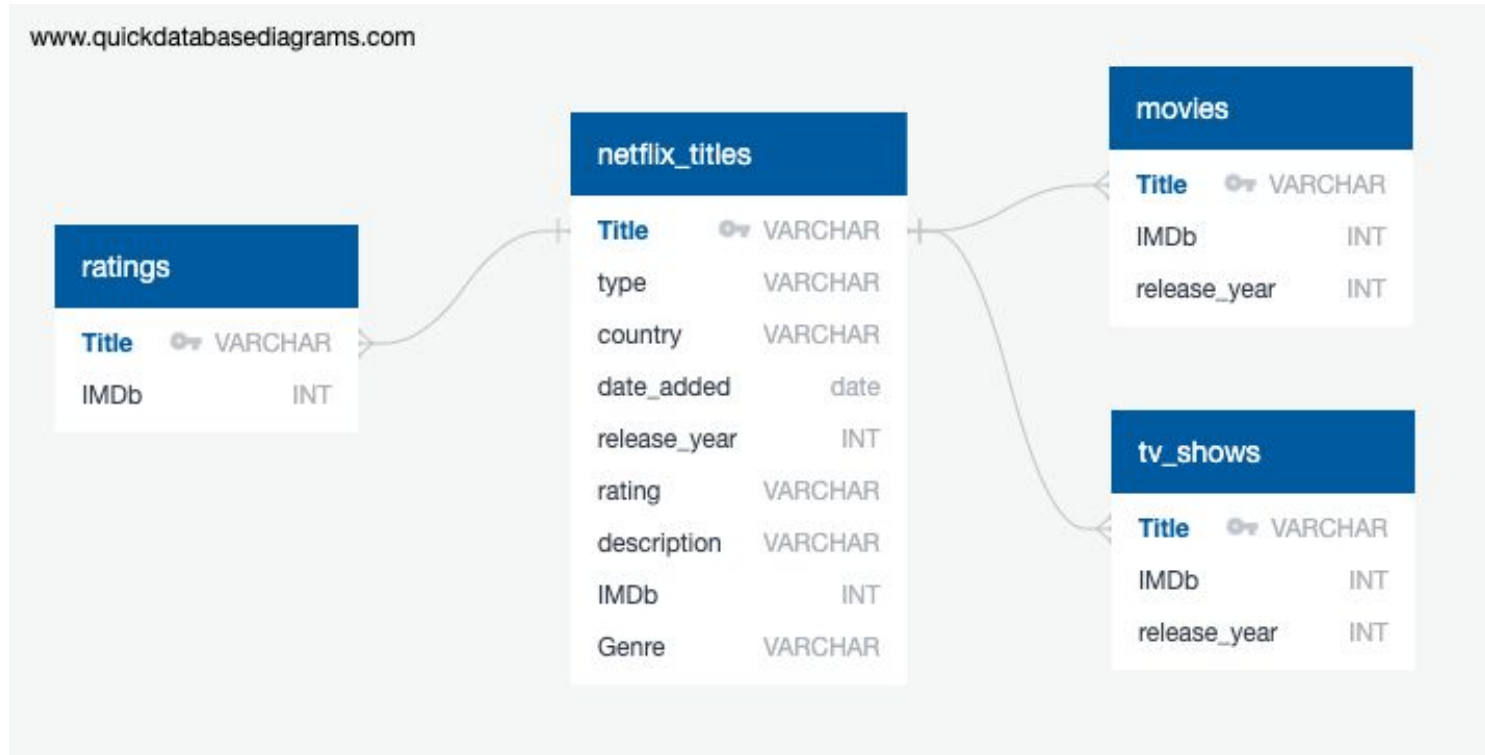
NETFLIX

3,891

Movies and TV Shows spanning
15 genres were analyzed from
the original dataset

Using Python to explore the data

Using SQL to explore data relationships



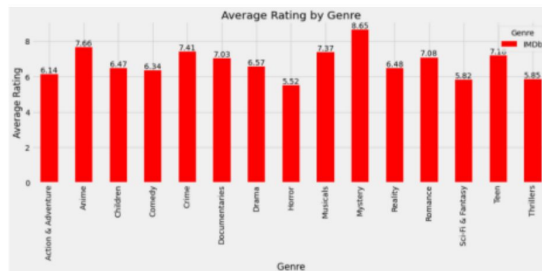
Jupyter Notebook Python Plots

Tableau Dashboard (page 1)

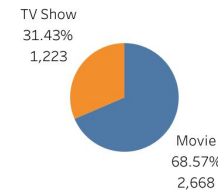
Entertainment Busters:
Number of Netflix Titles!

3,891

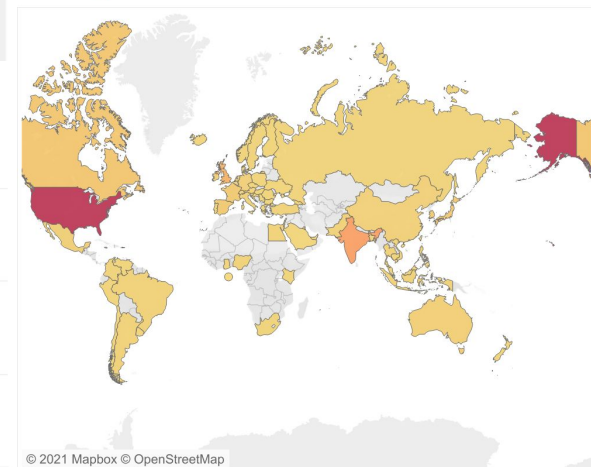
Mystery is the overall favorite genre!



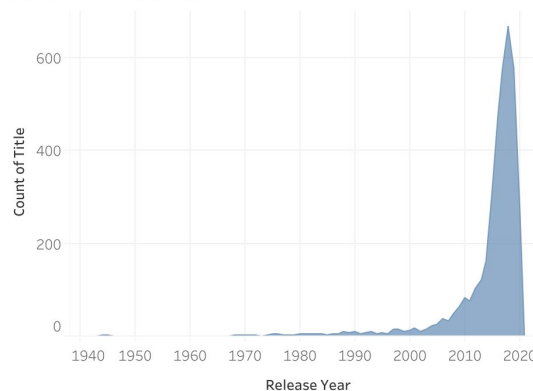
% of Movies vs. TV Shows



Global View of Entertainment Production by
Country



Number of Titles by Year of Release



Release Year
1942 to 2021
and Null values

Tableau Dashboard

(page 2)

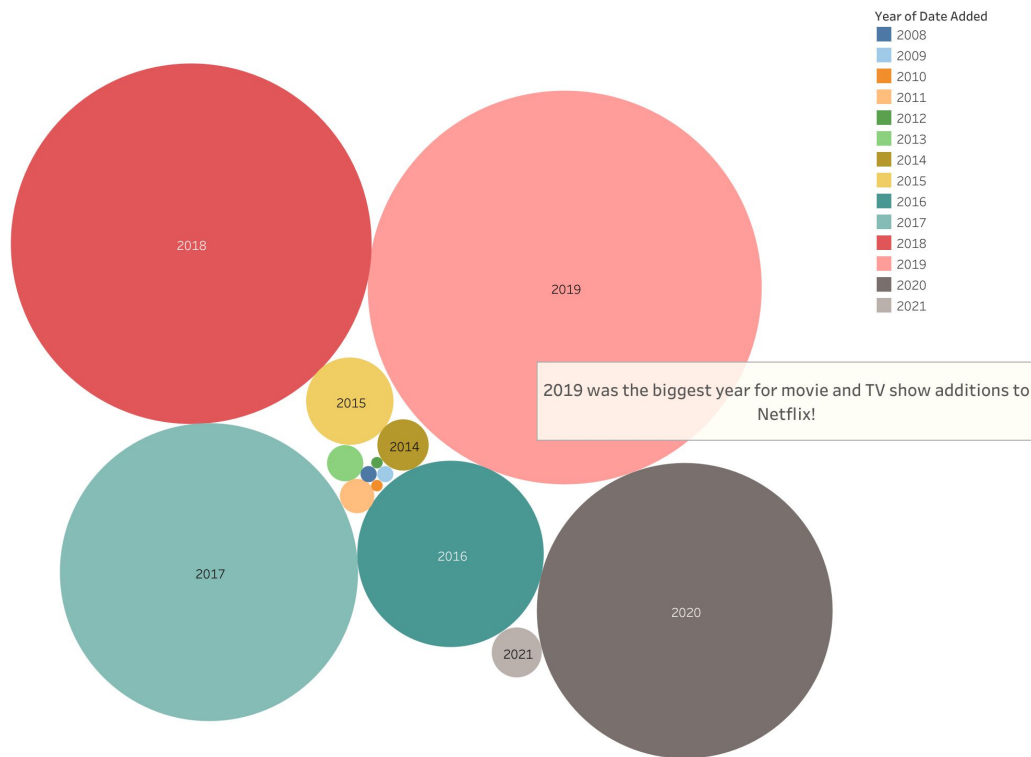
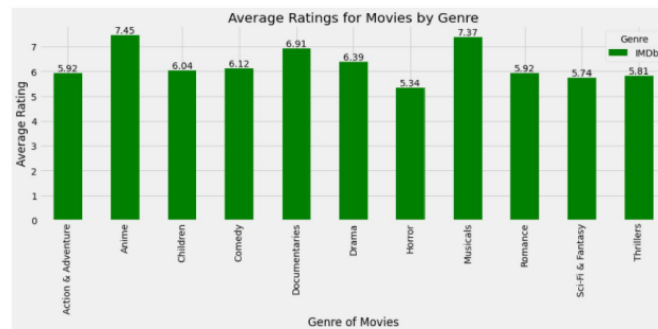
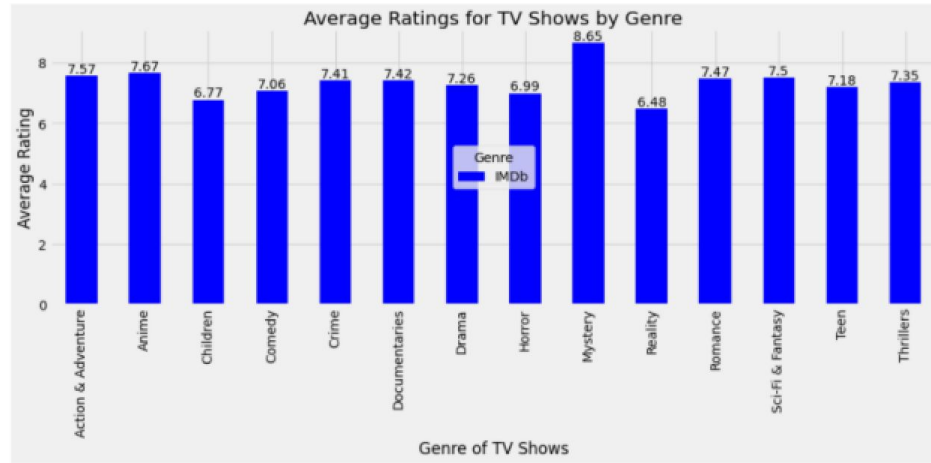


Tableau Dashboard (page 3)



Anime followed by Musicals boasted high ratings for Movies!

Tableau Dashboard (page 4)



Mystery followed by Anime boasted high ratings for TV Shows!

Tableau Dashboard (page 5)

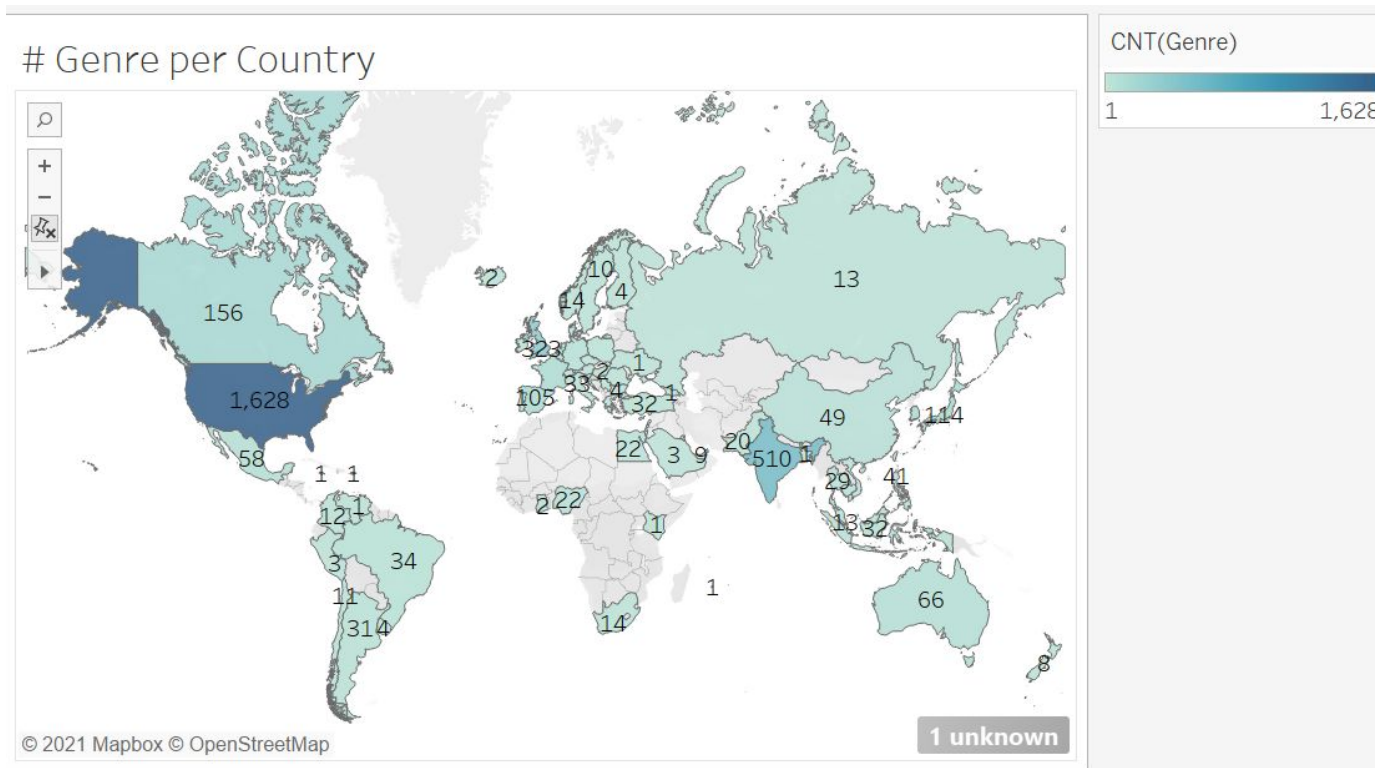


Tableau Dashboard (page 6)

Avg Rating Per Country

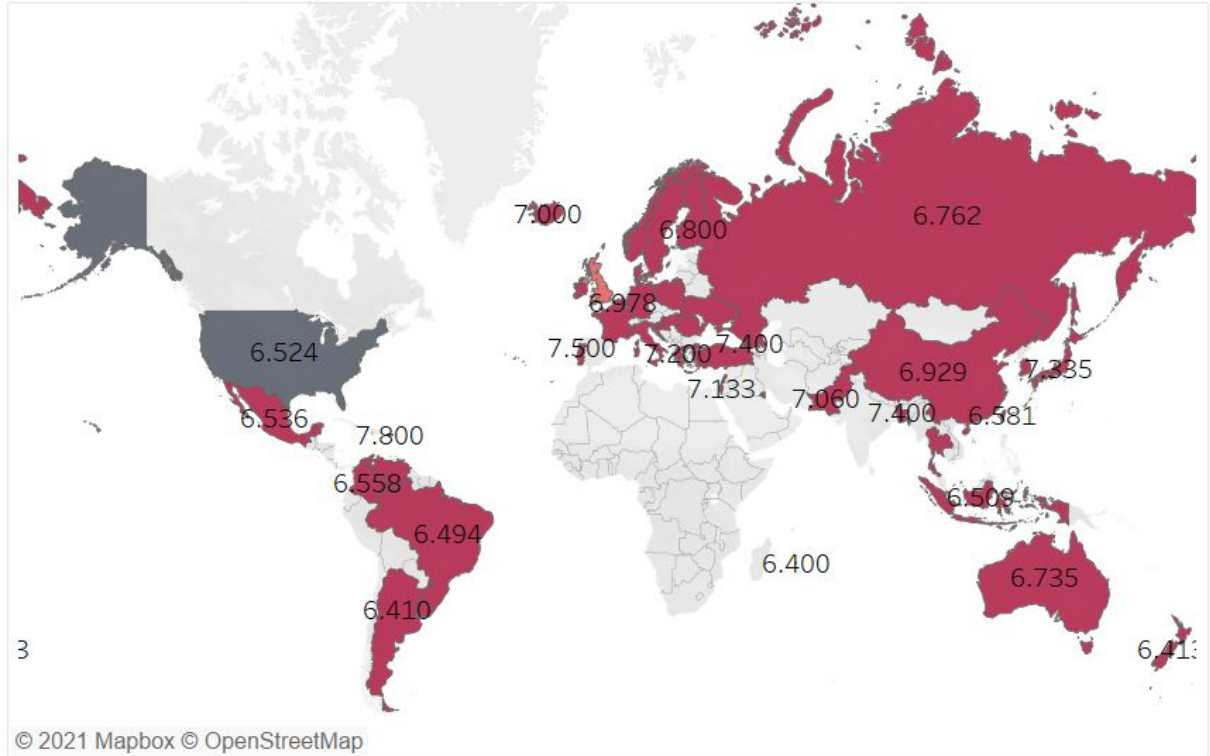


Tableau Dashboard (page 7)

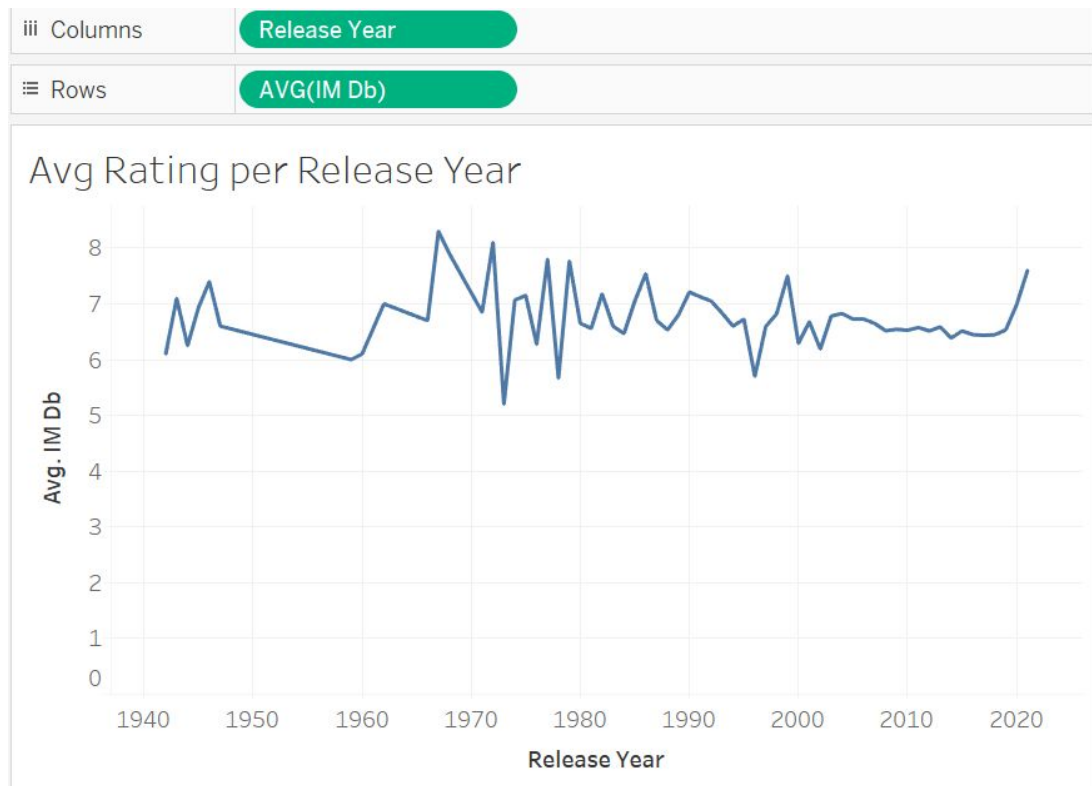


Tableau Dashboard (page 8)

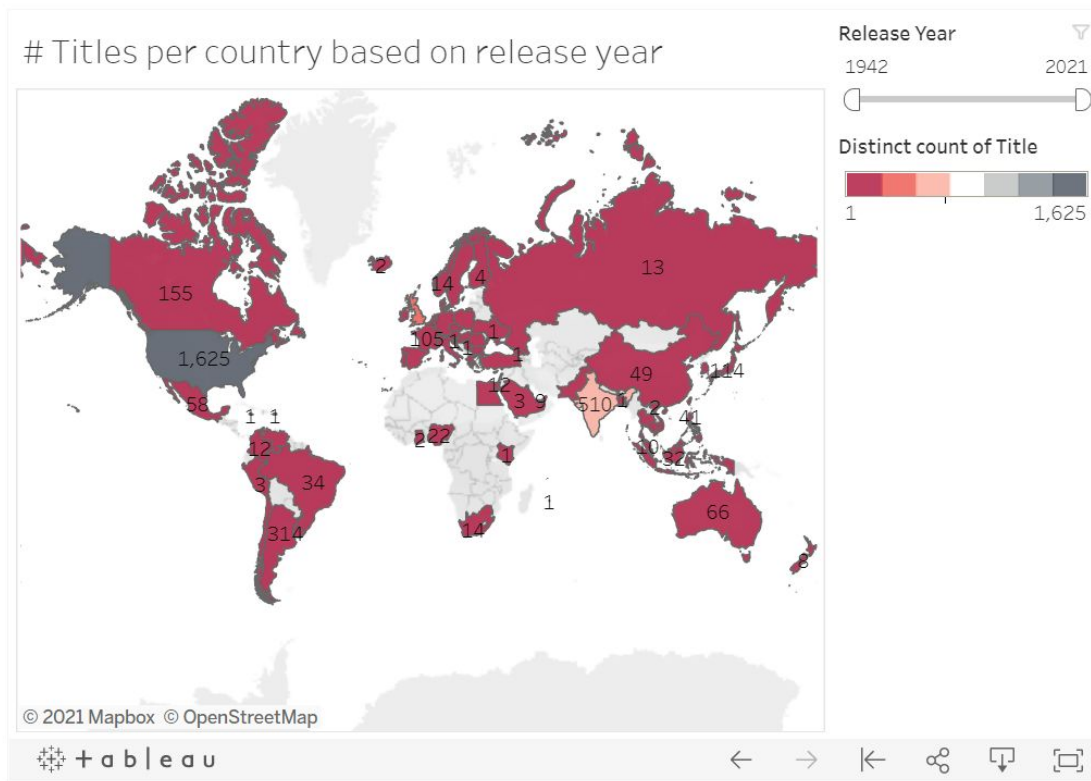
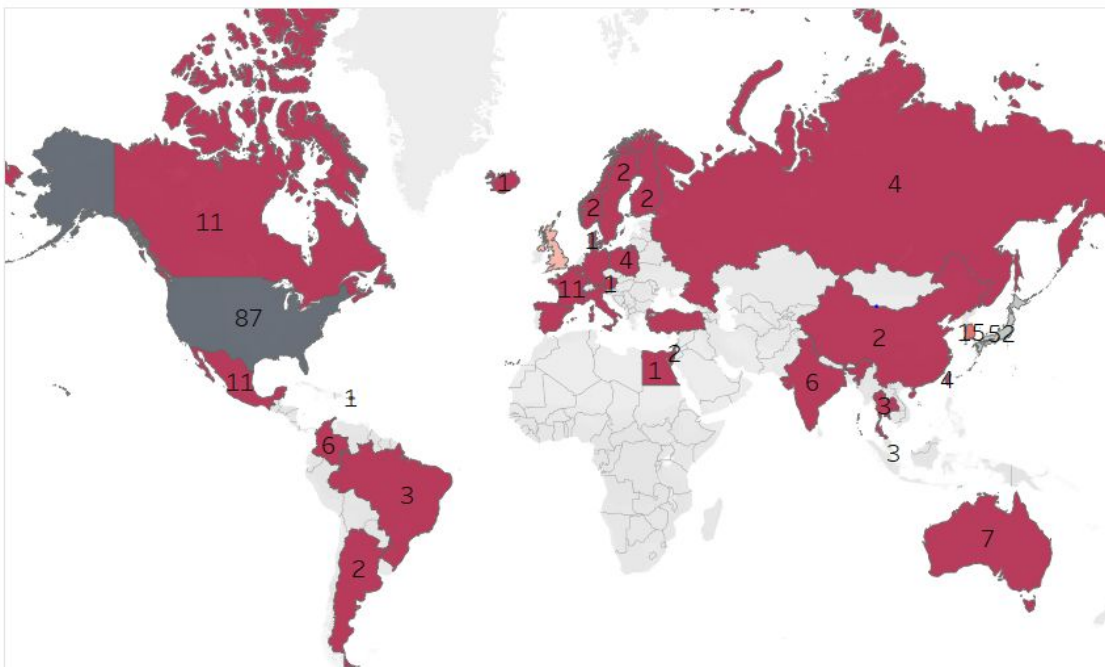


Tableau Dashboard (page 9)

Country for Top shows



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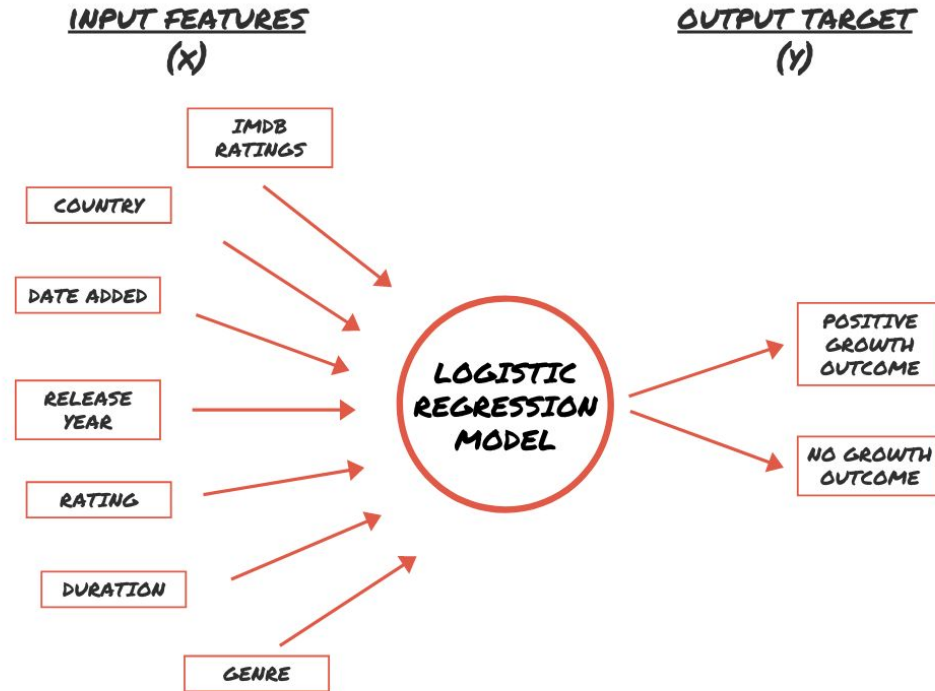
Genre

- ☐ (All)
- ☐ Action & Adventure
- ☒ Anime
- ☐ Children
- ☐ Comedy
- ☒ Crime
- ☐ Documentaries
- ☐ Drama
- ☐ Horror
- ☐ Musicals
- ☒ Mystery
- ☐ Reality
- ☐ Romance
- ☐ Sci-Fi & Fantasy
- ☐ Teen
- ☐ Thrillers

CNTD(Title)



Machine Learning Model



Conclusion